

# Converting Colors

Hex(8C5641)

Have a look what the booklet for  
Hex(8C5641) contains.

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**Color**

**Hex(8C5641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5641
RGB	140, 86, 65
RGB Percent	55%, 34%, 25%
CMY	0.4510, 0.6627, 0.7451
CMYK	0.00, 0.39, 0.54, 0.45
HSL	17°, 37%, 40%
HSV	17°, 54%, 55%
XYZ	15.0971, 12.6127, 6.6398
YIQ	99.7520, 38.9250, 4.9170

# Conversions

## Conversions Part 2

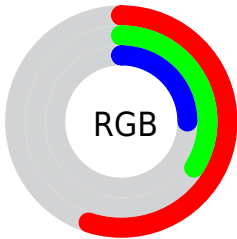
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 94, 65
Decimal	9197121
CIE Lab	42.17, 20.03, 21.58
CIE LCh	42, 29.445, 47.124
Yxy	12.6127, 0.4395, 0.3672
Android (android.graphics.Color)	4287387201 (0xFF8C5641)
YUV	99.7520, -17.1327, 35.2975
Hunter-Lab	35.5143, 13.7302, 13.7751

# Details

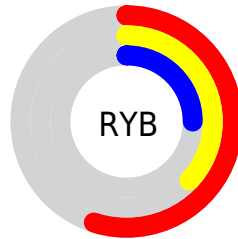
The Hex color **8C5641** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41778C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C48871**, and **572816** is the 20% darker color. If you saturate the color by 10%, you get **8C4C33**, and if you desaturate by 10%, it is **8C604F**.

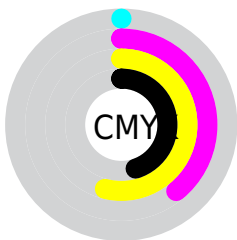
# Distribution



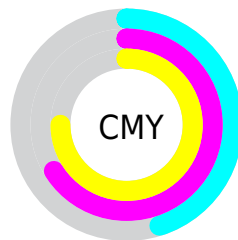
- Red (55%)
- Green (34%)
- Blue (25%)



- Red (55%)
- Yellow (37%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5641 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8C5641 by changing the saturation by 10% instead.



 8C5641

 8C5641

FFFFFF

 713E2B

 C48871

 572816

 E1A38B

 3E1200

 FEBEA5

 260000

 FFDAC0

 000000

 FFF6DC

 FFFFF9

 8C5641

 8C5641

 8C4C33

 8C604F

 8C4225

 8C6A5D

 8C3817

 8C746B

 8C2E09

 8C7E79

 8C2700

 8C8887

 8C9295

 8C9DA3

 8CA7B1

 8CB1BF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



925056



8C5641



7C5E34

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8C5641



277058



566192

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8C5641



41778C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



266992



8C5641



007071

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8C5641



4A6C42



006E86



775885

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8C5641



6D6432



006E86



486493



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8C5641



B5A098



8C4178



5C4F4A



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8C5641



B56241



8C7B41



45403E



852500



050100



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41778C



4195B5



41528C



3E4345



005F85



000405



# Previews

## White Background



This preview shows how the Hex color 8C5641 looks on a white background.

## Color Contrast Check

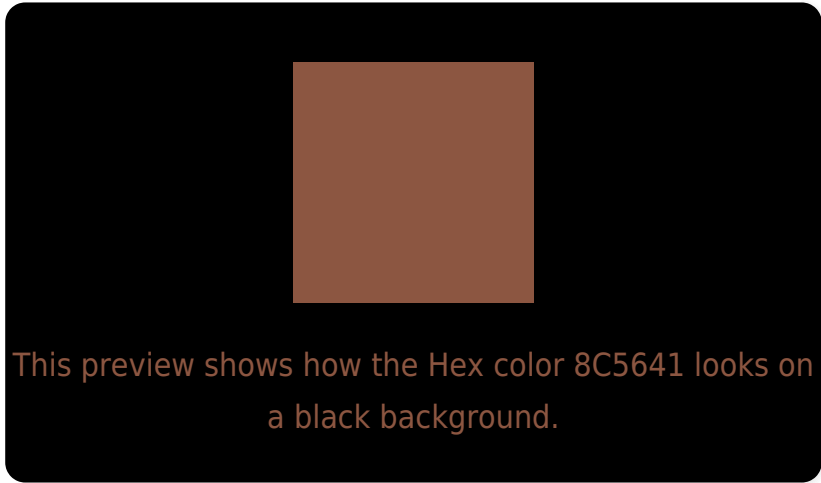
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C5641 Background



This preview shows how black text looks on a background with the Hex color 8C5641.



This preview shows how white text looks on a background with the Hex color 8C5641.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
8C5641

**Protanopia**  
6C6447

**Deuteranopia**  
79603F



**Tritanopia**  
8E5359

# Trichromacy



**Original Color**  
8C5641

**Protanomaly**  
785F45

**Deuteranomaly**  
805C40

**Tritanomaly**  
8D5450

# Monochromacy



**Original Color**  
8C5641

**Achromatopsia**  
646464

**Achromatomaly**  
735F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5641 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8C5641 looks like.

```
.text, #text, p{  
    color:#8C5641  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8C5641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5641  
}
```

## Border

The CSS property to change the border of an element to Hex 8C5641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

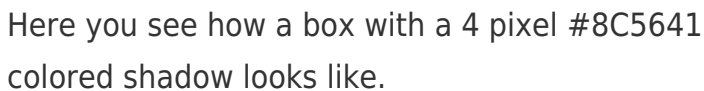
```
.border, #border, table{ border:4px solid  
#8C5641 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8C5641 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8C5641 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5641; -webkit-box-shadow:4px 4px  
4px 4px #8C5641; box-shadow:4px 4px 4px  
4px #8C5641 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5641 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8C5641 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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